

# TRANSMITTAL FORM

(To be used for all correspondence  
after initial filing)

Application Number	10/759,924
Filing Date	January 16, 2004
First Named Inventor	Russell H. Barton
Art Unit	
Examiner Name	
Attorney Docket No.	130109.468

## ENCLOSURES (check all that apply)

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449<br><input checked="" type="checkbox"/> Cited References<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Statement under 37 CFR 3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> CD(s), Number of CD(s) _____<br><input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> )<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> ):<br>_____<br>_____<br>_____ |
|---|---|--|

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Kevin S. Costanza	Customer Number
Signature		
Date	March 9, 2004	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jason Añover	
Signature		Date: March 9, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 456493



PATENT

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March 9, 2004  
Date

Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Russell H. Barton  
Application No. : 10/759,924  
Filed : January 16, 2004  
For : LIQUID RING PUMP

Docket No. : 130109.468  
Date : March 9, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached form PTO-1449. Applicant notes that since the application filing date is after June 30, 2003, copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he

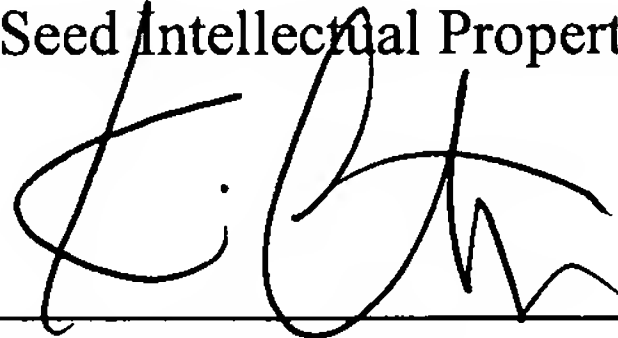
is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



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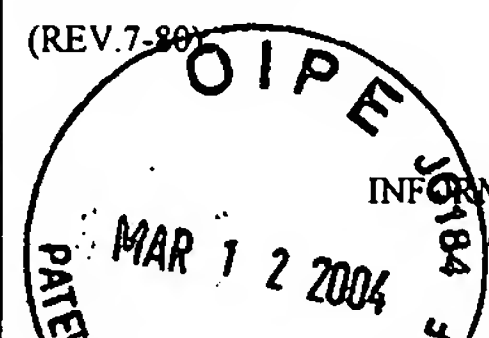
Kevin S. Costanza  
Registration No. 37,801

Enclosures:

Postcard  
Form PTO-1449  
Cited References (3)

701 Fifth Avenue, Suite 6300  
Seattle, Washington 98104-7092  
Phone: (206) 622-4900  
Fax: (206) 682-6031

456495

FORM PTO-1449 (REV. 7-98)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 130109.468	APPLICATION NO. 10/759,924
 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Russell H. Barton	
		FILING DATE January 16, 2004	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,050,851	09/27/77	Haavik	417	68	
	AB	4,626,176	12/02/86	Cole	417	54	
	AC	4,850,808	07/25/89	Schultze et al.	417	68	
	AD	5,299,916	04/05/94	Schmid	417	68	
	AE	5,328,274	07/12/94	Wallace et al.	384	428	
	AF	5,401,141	03/28/95	Siebenwurst	417	68	
	AG	5,423,614	06/13/95	Wunner et al.	384	428	
	AH	5,452,990	09/26/95	Niebler et al.	417	68	
	AI	5,542,822	08/06/96	Stretz et al.	417	68	
	AJ	5,588,806	12/31/96	Trimborn et al.	417	68	
	AK	5,605,445	02/25/97	Trimborn	417	68	
	AL	5,618,164	04/08/97	Holzheimer et al.	417	68	
	AM	5,639,221	06/17/97	Siebenwurst	417	68	
	AN	5,647,728	07/15/97	Siebenwurst et al.	417	68	
	AO	5,976,722	11/02/99	Müller et al.	429	13	
	AP	6,082,973	07/04/00	Dittmar et al.	417	68	
	AQ	6,287,082	09/11/01	Dittmar	417	68	
	AR	2001/0026759	10/04/01	Kraner	417	68	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AS	0 945 621 A1	09/29/99	EP (+ Abstract in English)		
	AT	WO 99/49221	09/30/99	WIPO		

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AU	Engineering Fundamentals - Sterling Fluid Systems, "Principle Operation – Single Acting Liquid Ring Pumps," retrieved from <a href="http://www.sterlingfluidsystems.com/art/procam/pdf/SA.pdf">http://www.sterlingfluidsystems.com/art/procam/pdf/SA.pdf</a> , 1999.
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).